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L3 ANSWER 16 OF 139 MEDLINE  
TI Positive allosteric modulators of metabotropic glutamate 1 receptor:

characterization, mechanism of action, and binding site.  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (2001 Nov 6) 98 (23) 13402-7.  
Journal code: 7505876. ISSN: 0027-8424.

L3 ANSWER 17 OF 139 MEDLINE

TI Signal transduction by the chemokine receptor CXCR5: structural requirements for G protein activation analyzed by chimeric CXCR1/CXCR5 molecules.

SO BIOLOGICAL CHEMISTRY, (2001 Sep) 382 (9) 1387-97.  
Journal code: 9700112. ISSN: 1431-6730.

L3 ANSWER 18 OF 139 MEDLINE

TI Wnt signaling and heterotrimeric G-proteins: strange bedfellows or a classic romance?

SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (2001 Sep 28) 287 (3) 589-93. Ref: 41  
Journal code: 0372516. ISSN: 0006-291X.

L3 ANSWER 19 OF 139 MEDLINE

TI Muscarinic allosteric modulation: M2/M3 subtype selectivity of gallamine is independent of G-protein coupling specificity.

SO NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, (2001 Aug) 364 (2) 172-8.  
Journal code: 0326264. ISSN: 0028-1298.

L3 ANSWER 20 OF 139 MEDLINE

TI Intracellular third loops in AT1 and AT2 receptors determine subtype specificity.

SO LIFE SCIENCES, (2001 Jun 22) 69 (5) 509-16.  
Journal code: 0375521. ISSN: 0024-3205.

L3 ANSWER 21 OF 139 MEDLINE

TI Inhibition of m3 muscarinic acetylcholine receptors by local anaesthetics.

SO BRITISH JOURNAL OF PHARMACOLOGY, (2001 May) 133 (1) 207-16.  
Journal code: 7502536. ISSN: 0007-1188.

L3 ANSWER 22 OF 139 MEDLINE

TI Analysis of parathyroid hormone (PTH)/secretin receptor chimeras differentiates the role of functional domains in the pth/ pth-related peptide (PTHrP) receptor on hormone binding and receptor activation.

SO MOLECULAR ENDOCRINOLOGY, (2001 Jul) 15 (7) 1186-99.  
Journal code: 8801431. ISSN: 0888-8809.

L3 ANSWER 23 OF 139 MEDLINE

TI Casein kinase II sites in the intracellular C-terminal domain of the thyrotropin-releasing hormone receptor and chimeric gonadotropin-releasing hormone receptors contribute to beta-arrestin-dependent internalization.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 May 25) 276 (21) 18066-74.  
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 24 OF 139 MEDLINE

TI Functional cloning and reconstitution of vertebrate odorant receptors.

SO LIFE SCIENCES, (2001) 68 (19-20) 2199-206.  
Journal code: 0375521. ISSN: 0024-3205.

L3 ANSWER 25 OF 139 MEDLINE

TI BAY36-7620: a potent non-competitive mGlu1 receptor antagonist with inverse agonist activity.

SO MOLECULAR PHARMACOLOGY, (2001 May) 59 (5) 965-73.  
Journal code: 0035623. ISSN: 0026-895X.

L3 ANSWER 26 OF 139 MEDLINE

TI Arrestin effects on internalization of vasopressin receptors.

SO MOLECULAR PHARMACOLOGY, (2001 Jun) 59 (6) 1395-401.  
Journal code: 0035623. ISSN: 0026-895X.

L3 ANSWER 27 OF 139 MEDLINE

TI Cloning and characterization of a human orphan family C G-protein coupled receptor GPRC5D.

SO BIOCHIMICA ET BIOPHYSICA ACTA, (2001 Apr 16) 1518 (3) 237-48.  
Journal code: 0217513. ISSN: 0006-3002.

L3 ANSWER 28 OF 139 MEDLINE

TI Receptor/beta-arrestin complex formation and the differential trafficking and resensitization of beta2-adrenergic and angiotensin II type 1A receptors.

SO MOLECULAR ENDOCRINOLOGY, (2000 Dec) 14 (12) 2040-53.  
Journal code: 8801431. ISSN: 0888-8809.

L3 ANSWER 29 OF 139 MEDLINE

TI Tyrosine 220 in the 5th transmembrane domain of the neuromedin B receptor is critical for the high selectivity of the peptoid antagonist PD168368.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Jan 5) 276 (1) 495-504.  
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 30 OF 139 MEDLINE

TI Critical role of a subdomain of the N-terminus of the V1a vasopressin receptor for binding agonists but not antagonists; functional rescue by the oxytocin receptor N-terminus.

SO BIOCHEMISTRY, (2000 Nov 7) 39 (44) 13524-33.  
Journal code: 0370623. ISSN: 0006-2960.

L3 ANSWER 31 OF 139 MEDLINE

TI Cross-chimeric analysis of selectivity of secretin and VPAC(1) receptor activation.

SO JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS, (2000 Nov) 295 (2) 682-8.  
Journal code: 0376362. ISSN: 0022-3565.

L3 ANSWER 32 OF 139 MEDLINE

TI Functional importance of the Ala(116)-Pro(136) region in the calcium-sensing receptor. Constitutive activity and inverse agonism in a family C G-protein-coupled receptor.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Sep 22) 275 (38) 29547-55.  
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 33 OF 139 MEDLINE

TI alpha 2A/alpha 2C-adrenergic receptor third loop chimera show that agonist interaction with receptor subtype backbone establishes G protein-coupled receptor kinase phosphorylation.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Sep 15) 275 (37) 28989-93.  
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 34 OF 139 MEDLINE

TI Regulation of the pituitary somatotroph cell by GHRH and its receptor.

SO RECENT PROGRESS IN HORMONE RESEARCH, (2000) 55 237-66; discussion 266-7.  
Ref: 130  
Journal code: 0404471. ISSN: 0079-9963.

L3 ANSWER 35 OF 139 MEDLINE

TI Identification of key components in the irreversibility of salmon calcitonin binding to calcitonin receptors.

SO JOURNAL OF ENDOCRINOLOGY, (2000 Jul) 166 (1) 213-26.  
Journal code: 0375363. ISSN: 0022-0795.

L3 ANSWER 36 OF 139 MEDLINE

TI Chimeric melatonin mt1 and melatonin-related receptors. Identification of domains and residues participating in ligand binding and receptor activation of the melatonin mt1 receptor.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Jul 7) 275 (27) 20602-9.  
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 37 OF 139 MEDLINE

TI Estradiol induces differential neuronal phenotypes by activating estrogen

receptor alpha or beta.  
SO ENDOCRINOLOGY, (2000 May) 141 (5) 1839-45.  
Journal code: 0375040. ISSN: 0013-7227.

L3 ANSWER 38 OF 139 MEDLINE  
TI Role for C-tail residues in delta opioid receptor downregulation.  
SO DNA AND CELL BIOLOGY, (2000 Feb) 19 (2) 93-101.  
Journal code: 9004522. ISSN: 1044-5498.

L3 ANSWER 39 OF 139 MEDLINE  
TI The nematode leucine-rich repeat-containing, G protein-coupled receptor (LGR) protein homologous to vertebrate gonadotropin and thyrotropin receptors is constitutively active in mammalian cells.  
SO MOLECULAR ENDOCRINOLOGY, (2000 Feb) 14 (2) 272-84.  
Journal code: 8801431. ISSN: 0888-8809.

L3 ANSWER 40 OF 139 MEDLINE  
TI Sensitization of the adenylyl cyclase system in cloned kappa-opioid receptor-transfected cells following sustained agonist treatment: A chimeric study using G protein alpha(i2)/alpha(q) subunits.  
SO JAPANESE JOURNAL OF PHARMACOLOGY, (1999 Dec) 81 (4) 353-61.  
Journal code: 2983305R. ISSN: 0021-5198.

L3 ANSWER 41 OF 139 MEDLINE  
TI Internalization kinetics of the gonadotropin-releasing hormone (GnRH) receptor.  
SO PFLUGERS ARCHIV. EUROPEAN JOURNAL OF PHYSIOLOGY, (2000) 439 (3 Suppl) R19-20.  
Journal code: 0154720. ISSN: 0031-6768.

L3 ANSWER 42 OF 139 MEDLINE  
TI The amino terminus of the fourth cytoplasmic loop of rhodopsin modulates rhodopsin-transducin interaction.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Jan 21) 275 (3) 1930-6.  
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 43 OF 139 MEDLINE  
TI Determination of ligand binding domains of the prostanoid receptors.  
SO NIPPON YAKURIGAKU ZASSHI. FOLIA PHARMACOLOGICA JAPONICA, (1999 Oct) 114 Suppl 1 127P-129P.  
Journal code: 0420550. ISSN: 0015-5691.

L3 ANSWER 44 OF 139 MEDLINE  
TI Activation of a frizzled-2/beta-adrenergic receptor chimera promotes Wnt signaling and differentiation of mouse F9 teratocarcinoma cells via Galphao and Galphat.  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1999 Dec 7) 96 (25) 14383-8.  
Journal code: 7505876. ISSN: 0027-8424.

L3 ANSWER 45 OF 139 MEDLINE  
TI Role of transmembrane helix IV in G-protein specificity of the angiotensin II type 1 receptor.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Dec 10) 274 (50) 35546-52.  
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 46 OF 139 MEDLINE  
TI A single negatively charged residue affects the orientation of a membrane protein in the inner membrane of Escherichia coli only when it is located adjacent to a transmembrane domain.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Nov 19) 274 (47) 33757-63.  
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 47 OF 139 MEDLINE  
TI G protein-linked receptors: pharmacological evidence for the formation of heterodimers.

SO JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS, (1999 Oct) 291 (1) 251-7.  
Journal code: 0376362. ISSN: 0022-3565.

L3 ANSWER 48 OF 139 MEDLINE  
TI Cannabinoid receptor interactions with the antagonists SR 141716A and SR 144528.  
SO LIFE SCIENCES, (1999) 65 (6-7) 627-35. Ref: 35  
Journal code: 0375521. ISSN: 0024-3205.

L3 ANSWER 49 OF 139 MEDLINE  
TI Molecular and cell biology of the growth hormone-releasing hormone receptor.  
SO GROWTH HORMONE AND IGF RESEARCH, (1999 Apr) 9 Suppl A 37-44. Ref: 69  
Journal code: 9814320. ISSN: 1096-6374.

L3 ANSWER 50 OF 139 MEDLINE  
TI Preservation of Gi coupling of a chimeric EP3/I-type prostaglandin (IP) receptor.  
SO BIOCHEMICAL PHARMACOLOGY, (1999 Aug 1) 58 (3) 471-6.  
Journal code: 0101032. ISSN: 0006-2952.

L3 ANSWER 51 OF 139 MEDLINE  
TI The carboxyl tail of protease-activated receptor-1 is required for chemotaxis. Correlation of signal termination and directional migration.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Jul 16) 274 (29) 20178-84.  
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 52 OF 139 MEDLINE  
TI Differential pharmacological properties and signal transduction of the sphingosine 1-phosphate receptors EDG-1, EDG-3, and EDG-5.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Jul 2) 274 (27) 18997-9002.  
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 53 OF 139 MEDLINE  
TI The agonist-binding domain of the calcium-sensing receptor is located at the amino-terminal domain.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Jun 25) 274 (26) 18382-6.  
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 54 OF 139 MEDLINE  
TI A molecular mechanism for supersensitization of adenylyl cyclase system in cloned opioid receptor-transfected cells following sustained opioid treatment.  
SO NIPPON YAKURIGAKU ZASSHI. FOLIA PHARMACOLOGICA JAPONICA, (1998 Oct) 112 Suppl 1 78P-82P.  
Journal code: 0420550. ISSN: 0015-5691.

L3 ANSWER 55 OF 139 MEDLINE  
TI Domains determining ligand specificity for Ca2+ receptors.  
SO MOLECULAR PHARMACOLOGY, (1999 Apr) 55 (4) 642-8.  
Journal code: 0035623. ISSN: 0026-895X.

L3 ANSWER 56 OF 139 MEDLINE  
TI Molecular mapping of epitopes involved in ligand activation of the human receptor for the neuropeptide, VIP, based on hybrids with the human secretin receptor.  
SO JOURNAL OF MOLECULAR NEUROSCIENCE, (1998 Oct) 11 (2) 127-34.  
Journal code: 9002991. ISSN: 0895-8696.

L3 ANSWER 57 OF 139 MEDLINE  
TI Chimeric dopamine D2/angiotensin AT1 receptors: role of the length of third intracellular loop of D2 receptors in conferring specificity of receptor binding and G-protein coupling.  
SO CHUNG-KUO YAO LI HSUEH PAO [ACTA PHARMACOLOGICA

SINICA], (1997 May) 18 (3)  
209-13.

Journal code: 8100330. ISSN: 0253-9756.

L3 ANSWER 58 OF 139 MEDLINE

TI Identification of neurohypophyseal hormone receptor domains involved in ligand binding and G protein coupling.

SO ADVANCES IN EXPERIMENTAL MEDICINE AND BIOLOGY, (1998) 449 371-85. Ref: 27

Journal code: 0121103. ISSN: 0065-2598.

L3 ANSWER 59 OF 139 MEDLINE

TI Molecular aspects of vasopressin receptor function.

SO ADVANCES IN EXPERIMENTAL MEDICINE AND BIOLOGY, (1998) 449 347-58.

Journal code: 0121103. ISSN: 0065-2598.

L3 ANSWER 60 OF 139 MEDLINE

TI The role of the fourth extracellular domain of the rat corticotropin-releasing factor receptor type 1 in ligand binding.

SO EUROPEAN JOURNAL OF BIOCHEMISTRY, (1999 Jan) 259 (1-2) 55-62.

Journal code: 0107600. ISSN: 0014-2956.

L3 ANSWER 61 OF 139 MEDLINE

TI Antagonist binding profile of the split chimeric muscarinic m2-trunc/m3-tail receptor.

SO EUROPEAN JOURNAL OF PHARMACOLOGY, (1998 Aug 21) 355 (2-3) 267-74.

Journal code: 1254354. ISSN: 0014-2999.

L3 ANSWER 62 OF 139 MEDLINE

TI Extreme C terminus of G protein alpha-subunits contains a site that discriminates between Gi-coupled metabotropic glutamate receptors.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Oct 2) 273 (40) 25765-9.

Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 63 OF 139 MEDLINE

TI Regulation of myogenesis by fibroblast growth factors requires beta-gamma subunits of pertussis toxin-sensitive G proteins.

SO MOLECULAR AND CELLULAR BIOLOGY, (1998 Oct) 18 (10) 5780-7.

Journal code: 8109087. ISSN: 0270-7306.

L3 ANSWER 64 OF 139 MEDLINE

TI Classification and identification of proteins by means of common and specific amino acid n-tuples in unaligned sequences.

SO COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, (1998 Jun) 56 (3) 221-33.

Journal code: 8506513. ISSN: 0169-2607.

L3 ANSWER 65 OF 139 MEDLINE

TI The N-terminal extracellular segments of the chemokine receptors CCR1 and CCR3 are determinants for MIP-1alpha and eotaxin binding, respectively, but a second domain is essential for efficient receptor activation.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Aug 7) 273 (32) 19972-6.

Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 66 OF 139 MEDLINE

TI Chimeric melanocortin MC1 and MC3 receptors: identification of domains participating in binding of melanocyte-stimulating hormone peptides.

SO MOLECULAR PHARMACOLOGY, (1998 Jul) 54 (1) 154-61.

Journal code: 0035623. ISSN: 0026-895X.

L3 ANSWER 67 OF 139 MEDLINE

TI Different domains of the ORL1 and kappa-opioid receptors are involved in recognition of nociceptin and dynorphin A.

SO FEBS LETTERS, (1998 May 8) 427 (2) 296-300.

Journal code: 0155157. ISSN: 0014-5793.

L3 ANSWER 68 OF 139 MEDLINE

TI Switching of chemoattractant receptors programs development and morphogenesis in Dictyostelium: receptor subtypes activate common responses at different agonist concentrations.

SO DEVELOPMENTAL BIOLOGY, (1998 May 1) 197 (1) 117-28.

Journal code: 0372762. ISSN: 0012-1606.

L3 ANSWER 69 OF 139 MEDLINE

TI Folding and cell surface expression of the vasopressin V2 receptor: requirement of the intracellular C-terminus.

SO FEBS LETTERS, (1998 Mar 6) 424 (1-2) 57-62.

Journal code: 0155157. ISSN: 0014-5793.

L3 ANSWER 70 OF 139 MEDLINE

TI The third extracellular loop of the beta2-adrenergic receptor can modulate receptor/G protein affinity.

SO MOLECULAR PHARMACOLOGY, (1998 Mar) 53 (3) 524-9.

Journal code: 0035623. ISSN: 0026-895X.

L3 ANSWER 71 OF 139 MEDLINE

TI An invertebrate \*\*\*G\*\*\* - \*\*\*protein\*\*\* coupled \*\*\*receptor\*\*\* is a \*\*\*chimeric\*\*\* cannabinoid/melanocortin \*\*\*receptor\*\*\*.

SO BRAIN RESEARCH, (1998 Jan 5) 780 (1) 170-3.

Journal code: 0045503. ISSN: 0006-8993.

L3 ANSWER 72 OF 139 MEDLINE

TI Transmembrane residues together with the amino terminus limit the response of the parathyroid hormone (PTH) 2 receptor to PTH-related peptide.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Feb 13) 273 (7) 3830-7.

Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 73 OF 139 MEDLINE

TI Functional analysis by imaging of melanophore pigment dispersion of chimeric receptors constructed by recombinant polymerase chain reaction.

SO BRAIN RESEARCH. BRAIN RESEARCH PROTOCOLS, (1997 Dec 1) 2 (1) 59-68.

Journal code: 9716650. ISSN: 1385-299X.

L3 ANSWER 74 OF 139 MEDLINE

TI Localization of agonist- and antagonist-binding domains of human corticotropin-releasing factor receptors.

SO MOLECULAR ENDOCRINOLOGY, (1997 Dec) 11 (13) 2048-53.

Journal code: 8801431. ISSN: 0888-8809.

L3 ANSWER 75 OF 139 MEDLINE

TI Mode matches and their locations in the hydrophobic free energy sequences of peptide ligands and their receptor eigenfunctions.

SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF

AMERICA, (1997 Dec 9) 94 (25) 13576-81. Ref: 73

Journal code: 7505876. ISSN: 0027-8424.

L3 ANSWER 76 OF 139 MEDLINE

TI Molecular approaches to identifying ligand binding and signaling domains of C-C chemokine receptors.

SO METHODS IN ENZYMOLOGY, (1997) 288 70-84.

Journal code: 0212271. ISSN: 0076-6879.

L3 ANSWER 77 OF 139 MEDLINE

TI Functional expression of olfactory-adrenergic receptor chimeras and intracellular retention of heterologously expressed olfactory receptors.

SO BRAIN RESEARCH. MOLECULAR BRAIN RESEARCH, (1997 Sep) 48 (2) 270-8.

Journal code: 8908640. ISSN: 0169-328X.

L3 ANSWER 78 OF 139 MEDLINE

TI The C-terminal third intracellular loop of the rat AT1A angiotensin receptor plays a key role in G protein coupling specificity and transduction of the mitogenic signal.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Oct 10) 272 (41) 25566-72.

Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 79 OF 139 MEDLINE  
TI Co-expression of defective luteinizing hormone receptor fragments partially reconstitutes ligand-induced signal generation.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Oct 3) 272 (40) 25006-12.

Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 80 OF 139 MEDLINE  
TI Chimeric D2/D3 dopamine receptor coupling to adenylyl cyclase.  
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1997 Aug 18) 237 (2) 394-9.  
Journal code: 0372516. ISSN: 0006-291X.

L3 ANSWER 81 OF 139 MEDLINE  
TI Pharmacological sequestration of a chimeric beta 3/beta 2 adrenergic receptor occurs without a corresponding amount of receptor internalization.  
SO RECEPTORS AND SIGNAL TRANSDUCTION, (1996) 6 (3-4) 151-63.  
Journal code: 9617134. ISSN: 1087-8475.

L3 ANSWER 82 OF 139 MEDLINE  
TI Vasoactive intestinal polypeptide and pituitary adenylate cyclase-activating polypeptide receptor chimeras reveal domains that determine specificity of vasoactive intestinal polypeptide binding and activation.  
SO MOLECULAR PHARMACOLOGY, (1997 Jul) 52 (1) 128-35.  
Journal code: 0035623. ISSN: 0026-895X.

L3 ANSWER 83 OF 139 MEDLINE  
TI Adrenergic receptor and alpha 2 agonist--2: Structure-function relationship of adrenoceptors.  
SO MASUI. JAPANESE JOURNAL OF ANESTHESIOLOGY, (1997 Jun) 46 (6) 770-6. Ref: 14  
Journal code: 0413707. ISSN: 0021-4892.

L3 ANSWER 84 OF 139 MEDLINE  
TI Role of the amino terminus of the third intracellular loop in agonist-promoted downregulation of the alpha2A-adrenergic receptor.  
SO BIOCHEMISTRY, (1997 Jul 22) 36 (29) 8858-63.  
Journal code: 0370623. ISSN: 0006-2960.

L3 ANSWER 85 OF 139 MEDLINE  
TI Expression of human muscarinic cholinergic receptors in tobacco.  
SO PLANT MOLECULAR BIOLOGY, (1997 May) 34 (2) 357-62.  
Journal code: 9106343. ISSN: 0167-4412.

L3 ANSWER 86 OF 139 MEDLINE  
TI First intracellular loop of the human cholecystokinin-A receptor is essential for cyclic AMP signaling in transfected HEK-293 cells.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Apr 4) 272 (14) 9037-42.  
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 87 OF 139 MEDLINE  
TI Pathways and roadblocks in muscarinic receptor-mediated growth regulation.  
SO LIFE SCIENCES, (1997) 60 (13-14) 1077-84. Ref: 49  
Journal code: 0375521. ISSN: 0024-3205.

L3 ANSWER 88 OF 139 MEDLINE  
TI The thrombin receptor second cytoplasmic loop confers coupling to Gq-like G proteins in \*\*\*chimeric\*\*\* \*\*receptors\*\*\*. Additional evidence for a common transmembrane signaling and \*\*\*G\*\*\* \*\*\*protein\*\*\* coupling mechanism in \*\*\*G\*\*\* \*\*\*protein\*\*\*-coupled receptors.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Mar 14) 272 (11) 6898-902.  
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 89 OF 139 MEDLINE

TI Separate agonist and peptide antagonist binding sites of the oxytocin receptor defined by their transfer into the V2 vasopressin receptor.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Dec 6) 271 (49) 31593-601.

Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 90 OF 139 MEDLINE  
TI Functional role of the third cytoplasmic loop in muscarinic receptor dimerization.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Dec 6) 271 (49) 31055-60.  
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 91 OF 139 MEDLINE  
TI Phenylalanine in the second membrane-spanning domain of alpha 1A-adrenergic receptor determines subtype selectivity of dihydropyridine antagonists.  
SO BIOCHEMISTRY, (1996 Nov 12) 35 (45) 14312-7.  
Journal code: 0370623. ISSN: 0006-2960.

L3 ANSWER 92 OF 139 MEDLINE  
TI Molecular biological study on structure and function of the opioid receptor.  
SO MASUI. JAPANESE JOURNAL OF ANESTHESIOLOGY, (1996 Sep) 45 (9) 1060-66.  
Ref: 10  
Journal code: 0413707. ISSN: 0021-4892.

L3 ANSWER 93 OF 139 MEDLINE  
TI Mapping the receptor domains critical for the binding selectivity of delta-opioid receptor ligands.  
SO MOLECULAR PHARMACOLOGY, (1996 Sep 12) 311 (2-3) 285-92.  
Journal code: 1254354. ISSN: 0014-2999.

L3 ANSWER 94 OF 139 MEDLINE  
TI The C-terminal third of the human luteinizing hormone (LH) receptor is important for inositol phosphate release: analysis using chimeric human LH/follicle-stimulating hormone receptors.  
SO MOLECULAR ENDOCRINOLOGY, (1996 Sep) 10 (9) 1127-37.  
Journal code: 8801431. ISSN: 0888-8809.

L3 ANSWER 95 OF 139 MEDLINE  
TI Role of Sst2 in modulating G protein-coupled receptor signaling.  
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1996 Sep 4) 226 (1) 242-6.  
Journal code: 0372516. ISSN: 0006-291X.

L3 ANSWER 96 OF 139 MEDLINE  
TI The amino terminal domain of the glucagon-like peptide-1 receptor is a critical determinant of subtype specificity.  
SO RECEPTORS AND CHANNELS, (1996) 4 (1) 9-17.  
Journal code: 9315376. ISSN: 1060-6823.

L3 ANSWER 97 OF 139 MEDLINE  
TI Mutational analysis and molecular modeling of the nonapeptide hormone binding domains of the [Arg8]vasotocin receptor.  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1996 Jul 9) 93 (14) 6907-12.  
Journal code: 7505876. ISSN: 0027-8424.

L3 ANSWER 98 OF 139 MEDLINE  
TI Multiple extracellular loop domains contribute critical determinants for agonist binding and activation of the secretin receptor.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Jun 21) 271 (25) 14944-9.  
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 99 OF 139 MEDLINE

- TI Agonist recognition by proteinase-activated receptor 2 and thrombin receptor. Importance of extracellular loop interactions for receptor function.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Jun 14) 271 (24) 13943-7.  
Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 100 OF 139 MEDLINE  
TI Mutation of a conserved serine in TM4 of opioid receptors confers full agonistic properties to classical antagonists.  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1996 Jun 11) 93 (12) 5715-9.  
Journal code: 7505876. ISSN: 0027-8424.
- L3 ANSWER 101 OF 139 MEDLINE  
TI Distinct receptor domains determine subtype-specific coupling and desensitization phenotypes for human beta1- and beta2-adrenergic receptors.  
SO MOLECULAR PHARMACOLOGY, (1996 Apr) 49 (4) 752-60.  
Journal code: 0035623. ISSN: 0026-895X.
- L3 ANSWER 102 OF 139 MEDLINE  
TI The second intracellular loop of metabotropic glutamate receptor 1 cooperates with the other intracellular domains to control coupling to G-proteins.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Jan 26) 271 (4) 2199-205.  
Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 103 OF 139 MEDLINE  
TI CXC chemokines bind to unique sets of selectivity determinants that can function independently and are broadly distributed on multiple domains of human interleukin-8 receptor B. Determinants of high affinity binding and receptor activation are distinct.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Jan 5) 271 (1) 225-32.  
Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 104 OF 139 MEDLINE  
TI Thrombin receptor activating mutations. Alteration of an extracellular agonist recognition domain causes constitutive signaling.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Jan 12) 271 (2) 702-6.  
Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 105 OF 139 MEDLINE  
TI Studies on mu and delta opioid receptor selectivity utilizing chimeric and site-mutagenized receptors.  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1995 Dec 19) 92 (26) 12436-40.  
Journal code: 7505876. ISSN: 0027-8424.
- L3 ANSWER 106 OF 139 MEDLINE  
TI Signal transduction by the formyl peptide receptor. Studies using chimeric receptors and site-directed mutagenesis define a novel domain for interaction with G-proteins.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Nov 24) 270 (47) 28010-3.  
Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 107 OF 139 MEDLINE  
TI Characterization of a chimeric human dopamine D3/D2 receptor functionally coupled to adenylyl cyclase in Chinese hamster ovary cells.  
SO MOLECULAR PHARMACOLOGY, (1995 Aug) 48 (2) 344-51.  
Journal code: 0035623. ISSN: 0026-895X.
- L3 ANSWER 108 OF 139 MEDLINE  
TI Adenosine receptors: protein and gene structure.  
SO ARCHIVES INTERNATIONALES DE PHARMACODYNAMIE ET DE THERAPIE, (1995 Jan-Feb) 329 (1) 135-50. Ref: 40
- Journal code: 0405353. ISSN: 0301-4533.
- L3 ANSWER 109 OF 139 MEDLINE  
TI Influence of second and third cytoplasmic loops on binding, internalization, and coupling of chimeric bombesin/m3 muscarinic receptors.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Jul 28) 270 (30) 17884-91.  
Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 110 OF 139 MEDLINE  
TI Critical contributions of amino-terminal extracellular domains in agonist binding and activation of secretin and vasoactive intestinal polypeptide receptors. Studies of chimeric receptors.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Jun 16) 270 (24) 14394-8.  
Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 111 OF 139 MEDLINE  
TI A chimeric study of the molecular basis of affinity and selectivity of the kappa and the delta opioid receptors. Potential role of extracellular domains.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 May 26) 270 (21) 12730-6.  
Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 112 OF 139 MEDLINE  
TI Structural basis of G protein specificity of human endothelin receptors. A study with endothelinA/B chimeras.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Apr 28) 270 (17) 10072-8.  
Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 113 OF 139 MEDLINE  
TI M1 muscarinic receptors heterologously expressed in cardiac myocytes mediate Ras-dependent changes in gene expression.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Apr 14) 270 (15) 8446-51.  
Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 114 OF 139 MEDLINE  
TI Glucagon:glucagon-like peptide I receptor chimeras reveal domains that determine specificity of glucagon binding.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Mar 31) 270 (13) 7474-8.  
Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 115 OF 139 MEDLINE  
TI Distinct mechanisms regulate 5-HT2 and thrombin receptor desensitization.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1995 Mar 3) 270 (9) 4813-21.  
Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 116 OF 139 MEDLINE  
TI Molecular biology of vasopressin receptors.  
SO SEMINARS IN NEPHROLOGY, (1994 Jul) 14 (4) 341-8. Ref: 57  
Journal code: 8110298. ISSN: 0270-9295.
- L3 ANSWER 117 OF 139 MEDLINE  
TI Human kappa opiate receptor second extracellular loop elevates dynorphin's affinity for human mu/kappa chimeras.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1994 Oct 21) 269 (42) 25966-9.  
Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 118 OF 139 MEDLINE  
TI Tyr-129 is important to the peptide ligand affinity and selectivity of human endothelin type A receptor.  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1994 Jul 19) 91 (15) 7164-8.  
Journal code: 7505876. ISSN: 0027-8424.

- L3 ANSWER 119 OF 139 MEDLINE  
 TI Chimeric muscarinic cholinergic:beta-adrenergic receptors that are functionally promiscuous among G proteins.  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1994 Jul 22) 269 (29) 18968-76.  
 Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 120 OF 139 MEDLINE  
 TI Evidence for both tyrosine kinase and G-protein-coupled pathways leading to starfish egg activation.  
 SO DEVELOPMENTAL BIOLOGY, (1994 Apr) 162 (2) 590-9.  
 Journal code: 0372762. ISSN: 0012-1606.
- L3 ANSWER 121 OF 139 MEDLINE  
 TI The ligand-receptor interactions of the endothelin systems are mediated by distinct "message" and "address" domains.  
 SO JOURNAL OF CARDIOVASCULAR PHARMACOLOGY, (1993) 22 Suppl 8 S113-6.  
 Journal code: 7902492. ISSN: 0160-2446.
- L3 ANSWER 122 OF 139 MEDLINE  
 TI Domains involved in the specificity of G protein activation in phospholipase C-coupled metabotropic glutamate receptors.  
 SO EMBO JOURNAL, (1994 Jan 15) 13 (2) 342-8.  
 Journal code: 8208664. ISSN: 0261-4189.
- L3 ANSWER 123 OF 139 MEDLINE  
 TI Conversion of G-protein specificity of insulin-like growth factor II/mannose 6-phosphate receptor by exchanging of a short region with beta-adrenergic receptor.  
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1993 Dec 15) 90 (24) 11772-6.  
 Journal code: 7505876. ISSN: 0027-8424.
- L3 ANSWER 124 OF 139 MEDLINE  
 TI Role of the large extracellular domain of metabotropic glutamate receptors in agonist selectivity determination.  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1993 Sep 15) 268 (26) 19341-5.  
 Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 125 OF 139 MEDLINE  
 TI Multiple domains of the N-formyl peptide receptor are required for high-affinity ligand binding. Construction and analysis of chimeric N-formyl peptide receptors.  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1993 Aug 25) 268 (24) 18167-75.  
 Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 126 OF 139 MEDLINE  
 TI Solution structure by 2D 1H-NMR of a chimeric peptide recognized by galanin and neuropeptide Y receptors.  
 SO BIOCHEMISTRY, (1993 Aug 3) 32 (30) 7787-98.  
 Journal code: 0370623. ISSN: 0006-2960.
- L3 ANSWER 127 OF 139 MEDLINE  
 TI Functional nonequivalence of structurally homologous domains of neurokinin-1 and neurokinin-2 type tachykinin receptors.  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1993 Aug 5) 268 (22) 16388-95.  
 Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 128 OF 139 MEDLINE  
 TI A D1/D2 chimeric dopamine receptor mediates a D1 response to a D2-selective agonist.  
 SO FEBS LETTERS, (1993 May 24) 323 (1-2) 59-62.  
 Journal code: 0155157. ISSN: 0014-5793.
- L3 ANSWER 129 OF 139 MEDLINE  
 TI Distinct subdomains of human endothelin receptors determine their selectivity to endothelinA-selective antagonist and endothelinB-selective agonists.  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1993 Apr 25) 268 (12) 8547-53.  
 Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 130 OF 139 MEDLINE  
 TI Chimeric NK1 (substance P)/NK3 (neurokinin B) receptors. Identification of domains determining the binding specificity of tachykinin agonists.  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1993 Apr 15) 268 (11) 7893-8.  
 Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 131 OF 139 MEDLINE  
 TI Amino terminus of the interleukin-8 receptor is a major determinant of receptor subtype specificity.  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1992 Dec 15) 267 (35) 25402-6.  
 Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 132 OF 139 MEDLINE  
 TI Delineation of structural domains involved in the subtype specificity of tachykinin receptors through chimeric formation of substance P/substance K receptors.  
 SO EMBO JOURNAL, (1992 Oct) 11 (10) 3585-91.  
 Journal code: 8208664. ISSN: 0261-4189.
- L3 ANSWER 133 OF 139 MEDLINE  
 TI Evolving concepts of partial agonism. The beta-adrenergic receptor as a paradigm.  
 SO BIOCHEMICAL PHARMACOLOGY, (1992 Jan 22) 43 (2) 119-30. Ref: 68  
 Journal code: 0101032. ISSN: 0006-2952.
- L3 ANSWER 134 OF 139 MEDLINE  
 TI Insertion of the human immunodeficiency virus CD4 receptor into the envelope of vesicular stomatitis virus particles.  
 SO JOURNAL OF VIROLOGY, (1992 Mar) 66 (3) 1579-89.  
 Journal code: 0113724. ISSN: 0022-538X.
- L3 ANSWER 135 OF 139 MEDLINE  
 TI Discrete amino acid sequences of the alpha 1-adrenergic receptor determine the selectivity of coupling to phosphatidylinositol hydrolysis.  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1992 Jan 25) 267 (3) 1633-9.  
 Journal code: 2985121R. ISSN: 0021-9258.
- L3 ANSWER 136 OF 139 MEDLINE  
 TI Structure and function of G protein coupled receptors.  
 SO PHARMACOLOGY AND THERAPEUTICS, (1991) 50 (3) 425-42. Ref: 147  
 Journal code: 7905840. ISSN: 0163-7258.
- L3 ANSWER 137 OF 139 MEDLINE  
 TI A chimeric D2 dopamine/m1 muscarinic receptor with D2 binding specificity mobilizes intracellular calcium in response to dopamine.  
 SO FEBS LETTERS, (1991 Feb 11) 279 (1) 87-90.  
 Journal code: 0155157. ISSN: 0014-5793.
- L3 ANSWER 138 OF 139 MEDLINE  
 TI Regions of the alpha 1-adrenergic receptor involved in coupling to phosphatidylinositol hydrolysis and enhanced sensitivity of biological function.  
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1990 Apr) 87 (8) 2896-900.  
 Journal code: 7505876. ISSN: 0027-8424.
- L3 ANSWER 139 OF 139 MEDLINE  
 TI Chimeric muscarinic cholinergic: beta-adrenergic receptors that activate Gs in response to muscarinic agonists.  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1990 Apr 15) 265 (11) 6219-24.

Journal code: 2985121R. ISSN: 0021-9258.

=> log y

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		7.71	7.92

STN INTERNATIONAL LOGOFF AT 10:42:26 ON 06 MAR 2003





L8 ANSWER 6 OF 15 MEDLINE  
TI Functions of a rho-specific guanine nucleotide exchange factor in neurite retraction. Possible role of a proline-rich motif of KIAA0380 in localization.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 Sep 22) 275 (38) 29570-8.

Journal code: 2985121R. ISSN: 0021-9258.

L8 ANSWER 7 OF 15 MEDLINE  
TI Characterization of a novel sphingosine 1-phosphate receptor, Edg-8.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2000 May 12) 275 (19) 14281-6.

Journal code: 2985121R. ISSN: 0021-9258.

L8 ANSWER 8 OF 15 MEDLINE  
TI NrCAM, cerebellar granule cell receptor for the neuronal adhesion molecule F3, displays an actin-dependent mobility in growth cones.  
SO JOURNAL OF CELL SCIENCE, (1999 Sep) 112 Pt 18 3015-27.

Journal code: 0052457. ISSN: 0021-9533.

L8 ANSWER 9 OF 15 MEDLINE  
TI Differential pharmacological properties and signal transduction of the sphingosine 1-phosphate receptors EDG-1, EDG-3, and EDG-5.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Jul 2) 274 (27) 18997-9002.

Journal code: 2985121R. ISSN: 0021-9258.

L8 ANSWER 10 OF 15 MEDLINE  
TI Transduction of intracellular calcium signals through G protein-mediated activation of phospholipase C by recombinant sphingosine 1-phosphate receptors.

SO MOLECULAR PHARMACOLOGY, (1999 May) 55 (5) 787-94.

Journal code: 0035623. ISSN: 0026-895X.

L8 ANSWER 11 OF 15 MEDLINE  
TI Ligand-induced trafficking of the sphingosine-1-phosphate receptor EDG-1.  
SO MOLECULAR BIOLOGY OF THE CELL, (1999 Apr) 10 (4) 1179-90.

Journal code: 9201390. ISSN: 1059-1524.

L8 ANSWER 12 OF 15 MEDLINE  
TI The thyrotropin-releasing hormone gene 1998: cloning, characterization, and transcriptional regulation in the central nervous system, heart, and testis.

SO THYROID, (1998 Oct) 8 (10) 897-901. Ref: 14

Journal code: 9104317. ISSN: 1050-7256.

L8 ANSWER 13 OF 15 MEDLINE  
TI Integrin beta 1 cytoplasmic domain dominant negative effects revealed by lysophosphatidic acid treatment.  
SO MOLECULAR BIOLOGY OF THE CELL, (1994 Nov) 5 (11) 1215-23.

Journal code: 9201390. ISSN: 1059-1524.

L8 ANSWER 14 OF 15 MEDLINE  
TI Homolog-scanning mutagenesis reveals poliovirus receptor residues important for virus binding and replication.

SO JOURNAL OF VIROLOGY, (1994 Apr) 68 (4) 2578-88.

Journal code: 0113724. ISSN: 0022-538X.

L8 ANSWER 15 OF 15 MEDLINE  
TI Membrane ruffling and chemotaxis transduced by the PDGF beta-receptor require the binding site for phosphatidylinositol 3' kinase.

SO ONCOGENE, (1994 Feb) 9 (2) 651-60.

Journal code: 8711562. ISSN: 0950-9232.

=> log y

COST IN U.S. DOLLARS	ENTRY	SINCE FILE	SESSION	TOTAL
FULL ESTIMATED COST		3.76		4.60

STN INTERNATIONAL LOGOFF AT 10:17:02 ON 06 MAR 2003